Listing of the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method for displaying a pixmap across at least two raster sizes including a first raster size in a first displaying mode and a second raster size in a second displaying mode, comprising the steps of:

storing a <u>single</u> pixmap containing a plurality of pixel lines, said <u>single</u> pixmap ~~being~~ <u>having a fixed size that is</u> large enough to encompass the first and second raster sizes;

storing a first header set pointing to a first pixmap region of the stored <u>single</u> pixmap, the first pixmap region fitting the first raster size;

storing a second header set pointing to a second pixmap region of the stored <u>single</u> pixmap, the second pixmap region fitting the second raster size;

detecting whether a displaying mode is in the first displaying mode or the second displaying mode;

using the first header set to only display the first pixmap region of the stored <u>single</u> pixmap <u>and not the second pixmap region of the stored single pixmap</u> when the detected displaying mode is the first displaying mode; and

using the second header set to only display the second pixmap region of the stored <u>single</u> pixmap <u>and not first pixmap region of the stored single pixmap</u> when the detected displaying mode is the second displaying mode.

2. (previously canceled)

3. (previously presented) The method of claim 1, wherein the first and second header sets contain a plurality of headers, the method further comprising the steps of:

chaining the headers in the first header set; and

chaining the headers in the second header set.

4. (original) The method of claim 3, further comprising the steps of:

using each of the headers in the first header set to point to one of the pixel lines in the pixmap in the first displaying mode; and

using each of the individual headers in the second header set to point to one of the pixel lines in the pixmap in the second displaying mode.

5. (original) The method of claim 4, further comprising the steps of:

using each of the headers in the first header set to select a number of pixels in each of the pixel lines in the first displaying mode; and

using each of the headers in the second header set to select a number of pixels in each of the pixel lines in the second displaying mode.

6. (original) The method of claim 5, wherein the first displaying mode and the second displaying mode display a different number of pixel lines and a different number of pixels in each of the displayed pixel lines.

7. (original) The method of claim 6, wherein the first displaying mode displays 480 pixel lines with each of the pixel lines containing 2096 pixels, and the second displaying mode displays 540 pixel lines with each of the pixel lines containing 1920 pixels.

8. (original) The method of claim 6, wherein the first displaying mode is 2H mode and the second displaying mode is 2.14H mode.

9. (currently amended) A method for displaying a pixmap across at least two raster sizes including a first raster size in a first displaying mode and a second raster size in a second displaying mode, comprising the steps of:

storing a single pixmap containing a plurality of pixel lines, said single pixmap being having a fixed size that is large enough to encompass the first and second raster sizes;

storing a first header set containing one header pointing to a first pixmap region of the stored single pixmap, the first pixmap region fitting the first raster size;

storing a second header set containing a plurality of headers pointing to a second pixmap region of the stored <u>single</u> pixmap, the second pixmap region fitting the second raster size;

detecting whether a displaying mode is in the first displaying mode or the second displaying mode;

using the first header set to only display the first pixmap region of the stored single pixmap <u>and not the second pixmap region of the stored single pixmap</u> when the detected displaying mode is the first displaying mode; and

using the second header set to only display the second pixmap region of the stored <u>single</u> pixmap <u>and not the first pixmap region of the stored single pixmap</u> when the detected displaying mode is the second displaying mode.

10. (previously canceled)

11. (currently amended) An apparatus for displaying a pixmap across at least two raster sizes including a first raster size in a first displaying mode and a second raster size in a second displaying mode, comprising:

means for storing a <u>single</u> pixmap containing a plurality of pixel lines, said <u>single</u> pixmap ~~being~~ <u>having a fixed size that is</u> large enough to encompass the first and second raster sizes;

means for storing a first header set pointing to a first pixmap region of the stored <u>single</u> pixmap, the first pixmap region fitting the first raster size;

means for storing a second header set pointing to a second pixmap region of the stored <u>single</u> pixmap, the second pixmap region fitting the second raster size;

means for detecting whether a displaying mode is in the first displaying mode or the second displaying mode;

means for using the first header set to only display the first pixmap region of the stored <u>single</u> pixmap <u>and not the second pixmap region of the stored single pixmap</u> when the detected displaying mode is the first displaying mode; and

means for using the second header set to only display the second pixmap region of the stored single pixmap and not the first pixmap region of the stored single pixmap when the detected displaying mode is the second displaying mode.

12. (previously canceled)

13. (previously presented) The apparatus of claim 11, wherein the first and second header sets contain a plurality of headers, the apparatus further comprising:

    means for chaining the headers in the first header set; and

    means for chaining the headers in the second header set.

14. (previously presented) The apparatus of claim 11 wherein the first and second header sets contain a plurality of headers, the apparatus further comprising:

    means for using each of the headers in the first header set to point to one of the pixel lines in the pixmap in the first displaying mode; and

    means for using each of the individual headers in the second header set to point to one of the pixel lines in the pixmap in the second displaying mode.

15. (original) The apparatus of claim 14, further comprising:

    means for using each of the headers in the first header set to select a number of pixels in each of the pixel lines in the first displaying mode; and

    means for using each of the headers in the second header set to select a number of pixels in each of the pixel lines in the second displaying mode.

16. (previously presented) The apparatus of claim 11, wherein the first displaying mode and the second displaying mode display a different number of pixel lines and a different number of pixels in each of the displayed pixel lines.

17. (original) The apparatus of claim 16, wherein the first displaying mode displays 480 pixel lines with each of the pixel lines containing 2096 pixels, and the second displaying mode displays 540 pixel lines with each of the pixel lines containing 1920 pixels.

18. (original) The apparatus of claim 16, wherein the first displaying mode is 2H mode and the second displaying mode is 2.14H mode.

19. (currently amended) An apparatus for displaying a pixmap across at least two raster sizes including a first raster size in a first displaying mode and a second raster size in a second displaying mode, comprising:

　　　　means for storing a <u>single</u> pixmap containing a plurality of pixel lines, said <u>single</u> pixmap being <u>having a fixed size that is</u> large enough to encompass the first and second raster sizes;

　　　　means for storing a first header set containing one header pointing to a first pixmap region of the stored <u>single</u> pixmap, the first pixmap region fitting the first raster size;

　　　　means for storing a second header set containing a plurality of headers pointing to a second pixmap region of the stored <u>single</u> pixmap, the second pixmap region fitting the second raster size;

　　　　means for detecting whether a displaying mode is in the first displaying mode or the second displaying mode;

　　　　means for using the first header set to only display the first pixmap region of the stored <u>single</u> pixmap <u>and not the second pixmap region of the stored single pixmap</u> when the detected displaying mode is the first displaying mode; and

　　　　means for using the second header set to only display the second pixmap region of the stored <u>single</u> pixmap <u>and not the first pixmap region of the stored single pixmap</u> when the detected displaying mode is the second displaying mode.

20. (previously canceled)